


Revision Number: 001.6

Issue date: 04/30/2024

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|----------------------------|--|---------------------|---------------|
| Product name: | LOCTITE EA 9628 060NW AERO known as HYSOL EA 9628 .060 PSF NW | IDH number: | 549804 |
| Product type/use: | Adhesive for the Aerospace Industry | Item number: | AT9125512 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | | |
| | Contact information: Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com | | |

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

| | |
|-----------------|---|
| WARNING: | CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. SUSPECTED OF CAUSING CANCER. |
|-----------------|---|

| HAZARD CLASS | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| CARCINOGENICITY | 2 |

PICTOGRAM(S)


Precautionary Statements

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| Prevention: | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or fumes. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection. |
| Response: | IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| Storage: | Store locked up. |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Percentage* |
|------------------------|------------|-------------|
| Modified epoxy resin | Unknown | 30 - 60 |

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| | | |
|---|------------|---------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 10 - 30 |
| 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | 1675-54-3 | 5 - 10 |
| Modified Epoxy Resin | Unknown | 1 - 5 |
| 3-(P-chlorophenyl)-1,1-dimethylurea | 150-68-5 | 1 - 5 |
| Modified Epoxy Resin | Unknown | 1 - 5 |
| Talc | 14807-96-6 | 0.1 - 1 |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

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| Inhalation: | If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention. |
| Skin contact: | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. |
| Symptoms: | See Section 11. |
| Notes to physician: | Treat symptomatically and supportively. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear full protective clothing. Wear self-contained breathing apparatus. |
| Unusual fire or explosion hazards: | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. |
| Hazardous combustion products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

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|-----------------------------------|---|
| Environmental precautions: | Do not allow product to enter sewer or waterways. Wear appropriate protective equipment and clothing during clean-up. Prevent further leakage or spillage if safe to do so. |
| Clean-up methods: | Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental regulations. |

7. HANDLING AND STORAGE

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|------------------|---|
| Handling: | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe fumes or dust from this material. For industrial use only. |
| Storage: | Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. |

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|---|-------------------------------------|--|-----------|--------|
| Modified epoxy resin | None | None | None | None |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | None | None | None | None |
| Modified Epoxy Resin | None | None | None | None |
| 3-(P-chlorophenyl)-1,1-dimethylurea | None | None | None | None |
| Modified Epoxy Resin | None | None | None | None |
| Talc | 2 mg/m3 TWA Respirable fraction. | 0.1 mg/m3 TWA Respirable. 20 MPPCF TWA 2.4 MPPCF TWA Respirable. | None | 50 ppm |

| | |
|--------------------------------|---|
| Engineering controls: | Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product. |
| Respiratory protection: | When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided. |
| Eye/face protection: | Safety goggles or safety glasses with side shields. |
| Skin protection: | Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Physical state: | Solid |
| Color: | Cream |
| Odor: | Epoxy |
| Odor threshold: | Not available. |
| pH: | Not applicable, Product is non-soluble (in water). |
| Vapor pressure: | < 0.1 hPa (20 °C (68°F)) |
| Boiling point/range: | > 120 °C (> 248°F) |
| Melting point/ range: | < 9 °C (< 48.2 °F) |
| Specific gravity: | Not applicable |
| Vapor density: | Not applicable, Product is a solid. |
| Flash point: | Not applicable |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not applicable |
| Flammability: | The product is not flammable. |
| Evaporation rate: | Not applicable |
| Solubility in water: | Not soluble |
| Solubility in water: | Partially miscible |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated) |
| Viscosity: | Not available. |
| Decomposition temperature: | > 200 °C |

10. STABILITY AND REACTIVITY

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| Stability: | Stable at normal conditions. |
| Hazardous reactions: | May occur. |
| Hazardous decomposition products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |
| Incompatible materials: | Keep away from strong oxidizing agents, strong Lewis or mineral acids. |
| Reactivity: | Not available. |
| Conditions to avoid: | Avoid heating masses of film greater than 1 pound (0.454 kg) total. Avoid heating unless curing surfaces to be bonded. Failure to observe these precautions may result in excessive heat build-up causing an exotherm. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

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|----------------------|---|
| Inhalation: | May cause respiratory tract irritation. |
| Skin contact: | Contact with skin can cause irritation and allergic reaction (sensitization) in some individuals. |
| Eye contact: | Contact with this product may cause severe eye irritation. |
| Ingestion: | Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|---|
| Modified epoxy resin | None | No Data |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | Allergen, Irritant |
| 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | Oral LD50 (Rabbit) = 1,980 mg/kg Oral LD50 (Mouse) = 15,600 mg/kg Oral LD50 (Rat) = > 1,000 mg/kg Oral LD50 (Mouse) = > 500 mg/kg Dermal LD50 (Rabbit) = 20 mg/kg Dermal LD50 (Rat) = > 1,600 mg/kg Dermal LD50 (Mouse) = > 800 mg/kg | No Data |
| Modified Epoxy Resin | None | No Data |
| 3-(P-chlorophenyl)-1,1-dimethylurea | Oral LD50 (Rat) = 3,600 mg/kg | Blood, Irritant, Central nervous system, Mutagen, Kidney, Liver |
| Modified Epoxy Resin | None | No Data |
| Talc | None | Irritant, Lung, Some evidence of carcinogenicity |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|--|
| Modified epoxy resin | No | No | No |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| 2,2'-[(1-Methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane | No | No | No |
| Modified Epoxy Resin | No | No | No |
| 3-(P-chlorophenyl)-1,1-dimethylurea | No | No | No |
| Modified Epoxy Resin | No | No | No |
| Talc | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

Water Transportation (IMO/IMDG)

Proper shipping name: Not regulated
Hazard class or division: None
Identification number: None
Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification: None above reporting de minimis.
CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). 3-(P-chlorophenyl)-1,1-dimethylurea (CAS# 150-68-5).
California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Regulatory Affairs

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